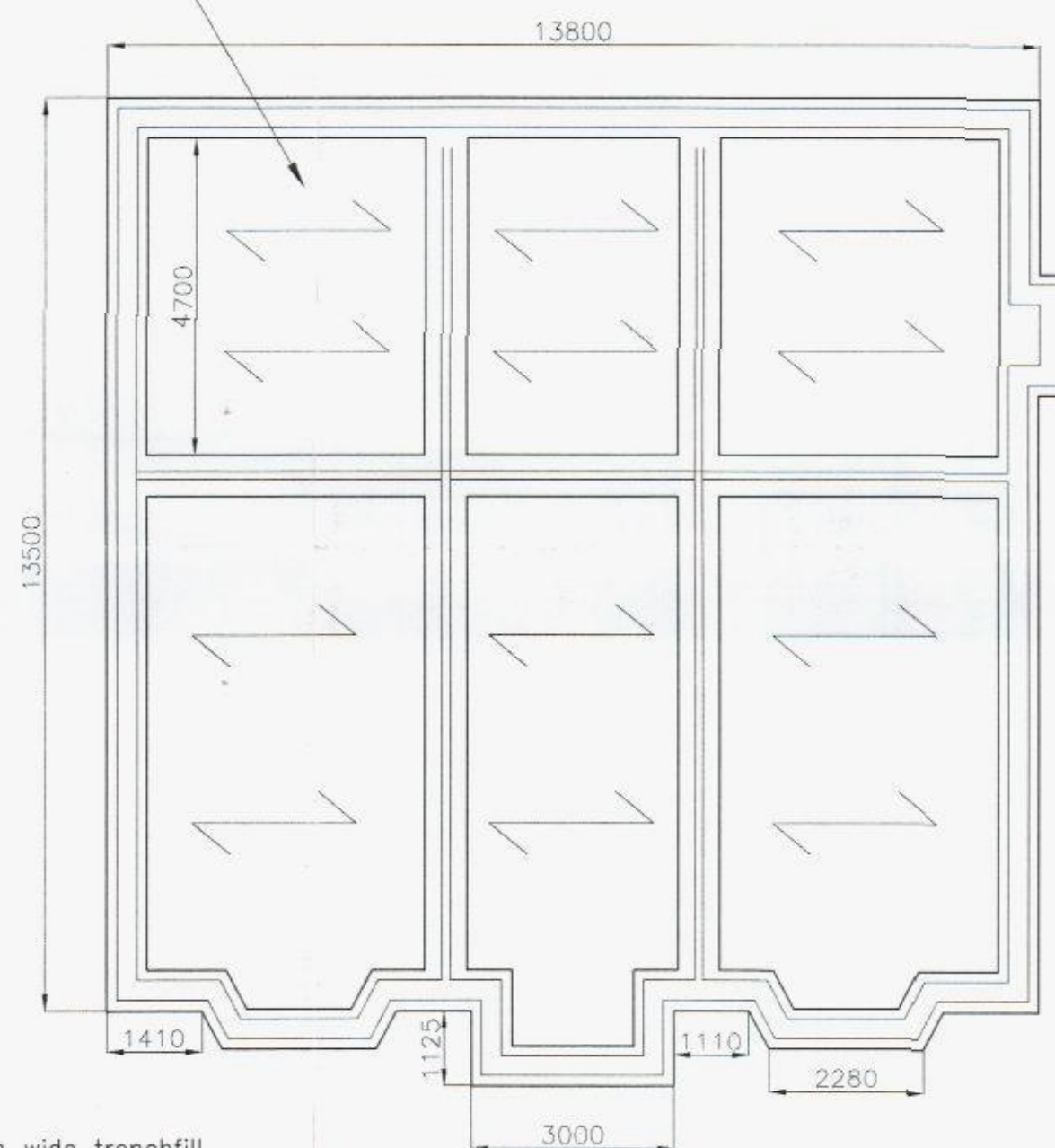


Roof Structure

- Roof tile to match existing - 25 x 50mm battens
- Knauf Breatheline felt
- Ex 50 x 150mm C16 treated rafters @ 400mm centres
- Ex 50x 225mm C16 treated hips

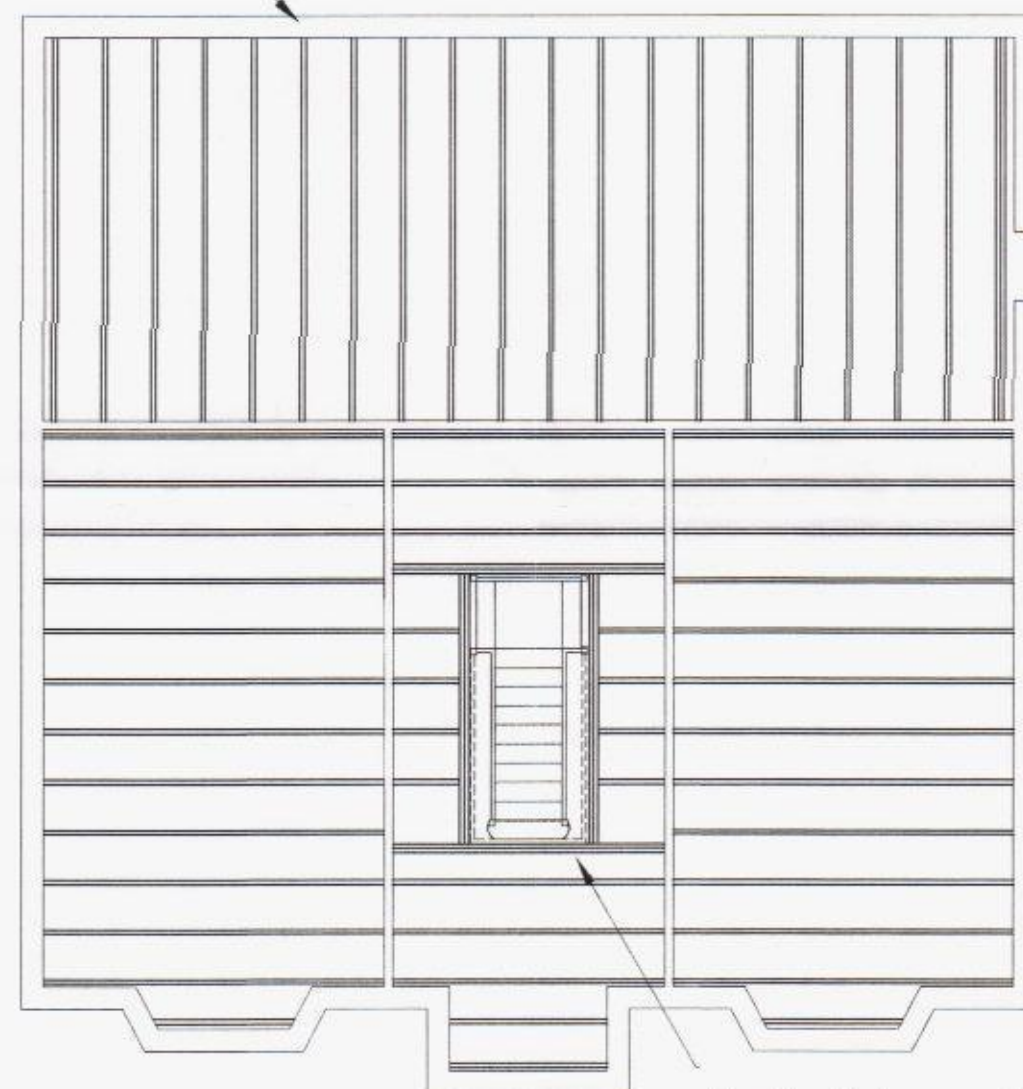
Concrete block & beam directions



600mm wide trenchfill concrete foundations
- depth to be agreed with Building Control - min 1000mm

Foundation Plan

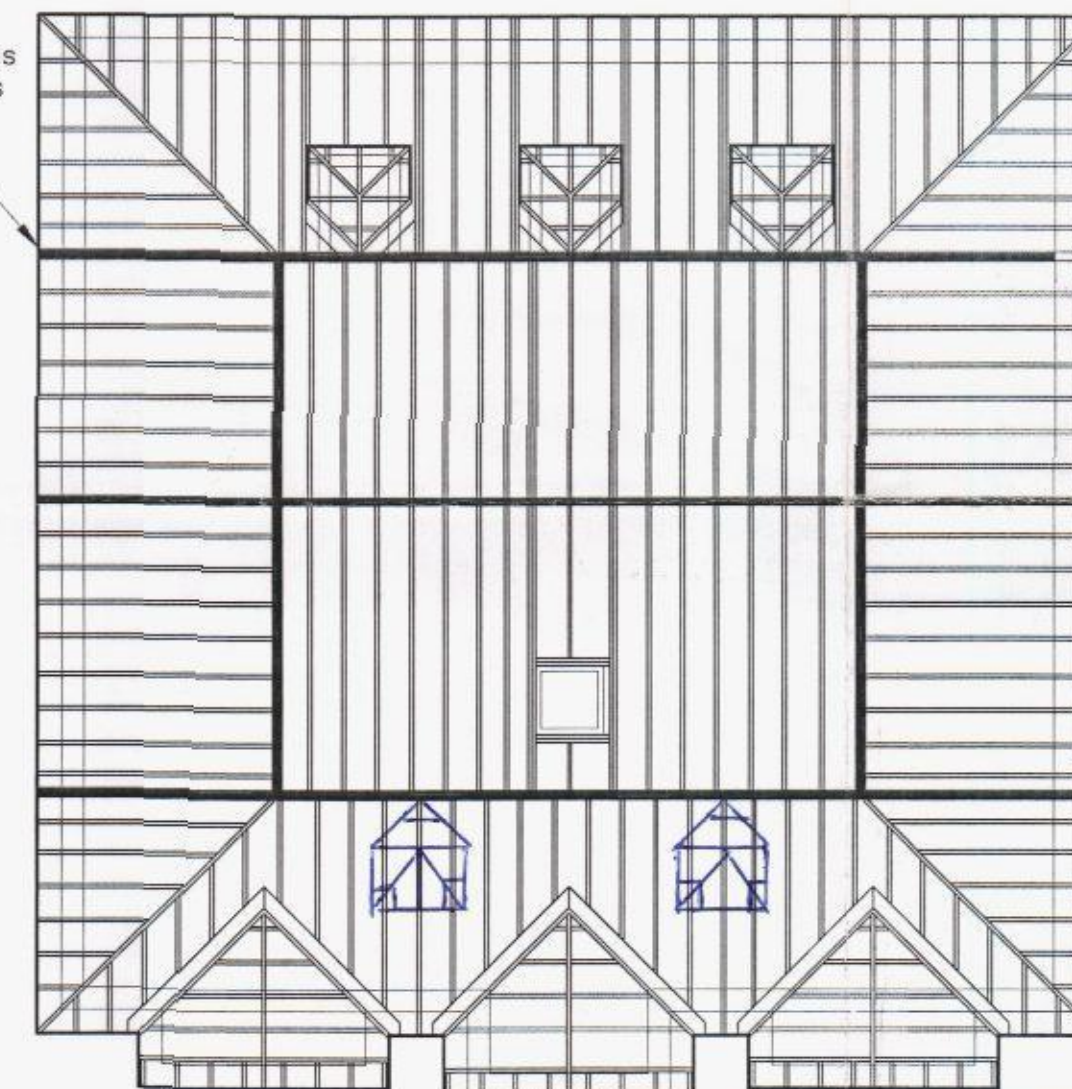
Eco or Posi-joists to manufacturers spec



Double joists around stair well

1st Floor Joist Plan

Steel beams as SE design cals



Roof Structure Plan
(1:100)

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Lighting -

Efficient lighting should be provide to 75% of all new fittings that preclude the use of ordinary bulbs. Lamp efficiency to be greater than 45 lumens per circuit watt. External lighting to be fitted to building, as approved by Client, to auto switch off when not required (PIR and light level sensors) with high efficiency lamps.

Ventilation:-

- New extract fan min 15L/sec with 15 minute overrun in WC & Bathrooms - min 30L/sec in utility room - min 60L/sec in Kitchen (30L/sec if cooker hood)
- Rapid ventilation to be achieved by opening windows with a total area of at least 1/20th of the floor area.
- Windows to have trickle ventilators to give an area of not less than 8000mm².

Internal Waste Drainage:-

- All pipework and connections to be in strict accordance with approved doc H
- Waste pipes and traps are to be in UPVC to BS5255 & BS 3943, sizes as follows:
32mm from a basin, 40mm from a sink
75mm deep bottle trap from basin and sink
- Wastes exceeding 3000mm long are to be fitted with an anti-vac trap

Space & Water Heating

- New combi gas boilers with SEDBUK rating of not less than 88% to supply heat & HW
- New gas LPHW heating systems to provide heating and hot water to new areas within existing house
- New radiators to be fitted with thermostatic valves.
- All water supplies to bath, basin and showers to be wholesome as described in Part G
- All new baths to be fitted with thermostatic valves to limit hot water to >48°C
- Any unvented HWE cylinder to be:
- Fitted with 3 No. separate thermal safety cut out & pressure relief devices
- Fitted with an information plate with installers details
- Positioned over a stable platform extending min 150mm beyond the cylinder base and capable of supporting the load

Electrical Installation

- All electrical work to meet requirements of Part P must be designed, installed, inspected and tested by a competent person and a copy of a completion certificate/certificate of compliance should be obtained from their authorised body (NICEIC, ELECSA, NAPIT, etc) and forwarded to Building Control
- Any other electrician will require an Electrical Safety Building Notice application

Smoke Detectors

To be located in dwelling hallway and landing and to be mains linked and separately fused to BS5446 Part1 1990. Units to be positioned centrally in a clear area and not less than 300mm from any electrical fitting. Unit to be not more than 3m from any of the bedroom doors. Provide separate battery power backup. Heat detector to be placed within kitchen

Upvc Double Glazed Windows & Doors

- All windows and doors to satisfy requirements of approved document 'L' revised 01/04/02, and fitted by 'FENSA' registered contractor.
- New windows or glazed doors to achieve a max U value of < 0.2W/m²K using 'Low E' glass (1.6W/m²K overall - 1.1W/m²K centre pane)
- All new frames to have trickle vents to give required permanent ventilation
- All glazing in critical areas to be toughened safety glass to conform with approved document N1
- All windows to have min unobstructed openable area of 0.33m² and a minimum of 450mm in height or width 800-1100mm from floor for escape purposes



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SCHEME TITLE

62a Hulbert Road
Havant PO9 3TG

DRAWING TITLE

Structure Plans

CREATED MAH	DATE DATE	CHECKED	APPROVED
DRAWING NUMBER Hul005	PROJECT NO.	SCALE As Shown	DWG. SHEET 1_OF_1
	REVISION REV		